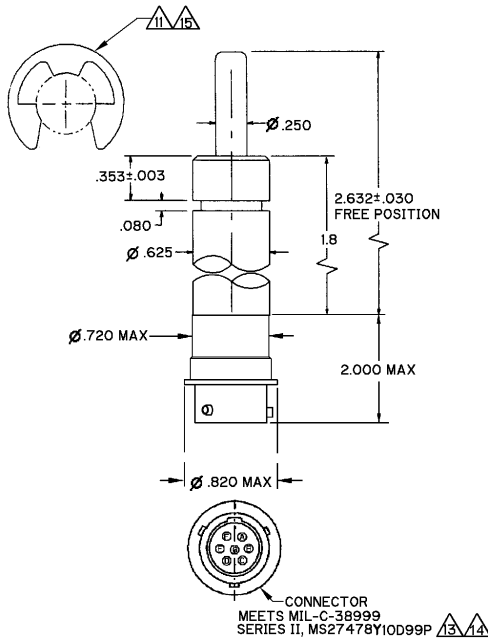
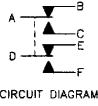


MICRO SWITCH
a Honeywell Division
FED. MFG. CODE 81929

SWITCH - ENCLOSED

CATALOG LISTING
HS-1032



CNTR/END VIEW DETAIL (SCALE 1.5:1)

NOTES

- 1 - INITIAL OPERATION OF THE SWITCH WILL OCCUR WITHIN THE PRETRAVEL SPECIFICATION AND RELEASE PER THE CLICK DISTANCE SPECIFICATION. CLICK DISTANCE IS THE DISTANCE THE PLUNGER RETURNS FROM THE DOWNWARD STROKE TO THE POINT OF CIRCUIT TRANSFER
- 2 - INSTALLATION OF THE SWITCH SHOULD DEPRESS THE PLUNGER A MINIMUM OF THE SUM OF THE PRETRAVEL AND THE CLICK DISTANCE. IF THE PLUNGER TRAVEL IS LESS THAN THIS SUM, THE CLICK DISTANCE WILL BE EQUAL TO PLUNGER TRAVEL
- 3 - THE SWITCH WILL SELF ADJUST TO THE PROPER RELATIONSHIP WITH THE ACTUATOR UPON COMPLETION OF THE FIRST CYCLE. THIS RELATIONSHIP WILL REMAIN CONSTANT UNTIL THE ACTUATOR HAS A GROSS CHANGE IN DISPLACEMENT. THE SWITCH MAY THEN BE REINSTALLED TO THE NEW OR OLD ACTUATOR DISPLACEMENT AND ONCE AGAIN IT WILL SELF ADJUST TO THE PROPER RELATIONSHIP
- 4 - COINCIDENCE OF OPERATION AND RELEASE POINTS: .010 OF PLUNGER TRAVEL
- 5 - CORROSION RESISTANT STEEL ENCLOSURE, PLUNGER AND E-RING
- 6 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 3
- 7 - SHOCK PER MIL-PRF-8805 SYMBOL M
- 8 - VIBRATION PER MIL-PRF-8805 GRADE 1
- 9 - MINIMUM MECHANICAL LIFE: 100,000 CYCLES
- 10 - MINIMUM ELECTRICAL LIFE: 25,000 CYCLES AT RATED LOAD
- 11 - WALDES KOHINOOR SERIES 5131-62H OR EQUIVALENT
- 12 - CIRCUIT DIAGRAM, CATALOG LISTING, FED. MFG. CODE AND DATE CODE ARE PRINTED ON NAMEPLATE
- 13 - CONNECTOR PIN G - NO CONNECTION
- 14 - CONNECTOR MATES WITH MS27473 (CLASS - P OR T) 10D99S
- 15 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805

RASTER
 DRAWN
 CS L 10 JAN 01
 CHECK
 SAV 10 JAN 01
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 SA V
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 CS L 20 APR 01
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 HS-1032
 PAGE 1 OF 1
 RELEASE NO. 202108
 REPLACES

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CHARACTERISTICS	ELECTRICAL DATA	SCALE 2:1
PRETRAVEL-----040 MAX	CONTACT ARRANGEMENT	DO NOT SCALE PRINT
OPERATING FORCE-----5-30 LB	2X SPDT	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE
TOTAL TRAVEL-----500 MIN	28 VDC	ONE PLACE (.01) ± .030
CLICK DISTANCE-----300 MIN	LOAD SEA LEVEL 50,000 FT.	TWO PLACE (.001) ± .015
RELEASE FORCE-----4 LB MIN	RES 7 7	THREE PLACE (.000) ± .005
ACTUATOR FORCE-----30 LB MAX	IND 4 2.5	ANGLES ±
		WEIGHT

ANSI Y14.5M-1982 APPLIES